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DIRECTOR, U.S. PATENT AND TRADEMARK  
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I HEREBY CERTIFY THAT NO POSTAGE OR FEE IS BEING  
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INDICATED BELOW AND IS ADDRESSED TO: BOX  
PATENT APPLICATIONS, ASSISTANT  
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20231.

Transmitted herewith for filing is the patent  
application of:

EXPRESS MAIL NO: EL 768137902 US

DATE OF DEPOSIT: January 30, 2002

NAME: Dawn Kimler

SIGNATURE: Dawn Kimler

J1002 U.S. PTO

10/060497

01/30/02

Invent rs: M. Lawrence GOLDSTEIN

F r: PHASED ARRAY ANTENNA INCLUDING ARCHIMEDEAN SPIRAL  
ELEMENT ARRAY AND RELATED METHODS

## Enclosed are:

[X] Patent Application: 19 pages, 25 claims.  
[X] 3 sheets of drawings.  
[X] The suggested drawing figure to be published is FIG. 1.  
[X] A declaration and power of attorney.  
[X] An assignment of the invention to Harris Corporation.  
[X] Citation Under 37 CFR 1.97 and PTO-1449.  
[X] Assignee info:  
Name: Harris Corporation  
Address: 1025 West NASA Blvd.  
Melbourne, Florida 32919  
Corporation of the State of Delaware

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)		SMALL ENTITY			LARGE ENTITY	
FOR:	# FILED		# EXTRA		RATE	FEE		RATE	FEE
BASIC FEE						\$ 370	OR		\$ 740
TOTAL CLAIMS	25	-20	5		X 9	\$	OR	X 18	\$ 90
INDEP CLAIMS	3	- 3	0		X 42	\$	OR	X 84	\$
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.					TOTAL	\$ ***		TOTAL	\$ 830

- [X] The Commissioner is authorized to charge the filing fee of \$830.00 and the assignment recordal fee of \$40.00 to Harris Corporation Deposit Account No. 08-0870.
- [X] The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Harris Corporation Deposit Account No. 08-0870.
- [X] **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: CHRISTOPHER F. REGAN**
- [X] Please associate this application with Customer No. 27975.



27975

PATENT TRADEMARK OFFICE

January 30, 2002  
Date

John F. Woodson II  
JOHN F. WOODSON, II  
Reg. No. 45,236